

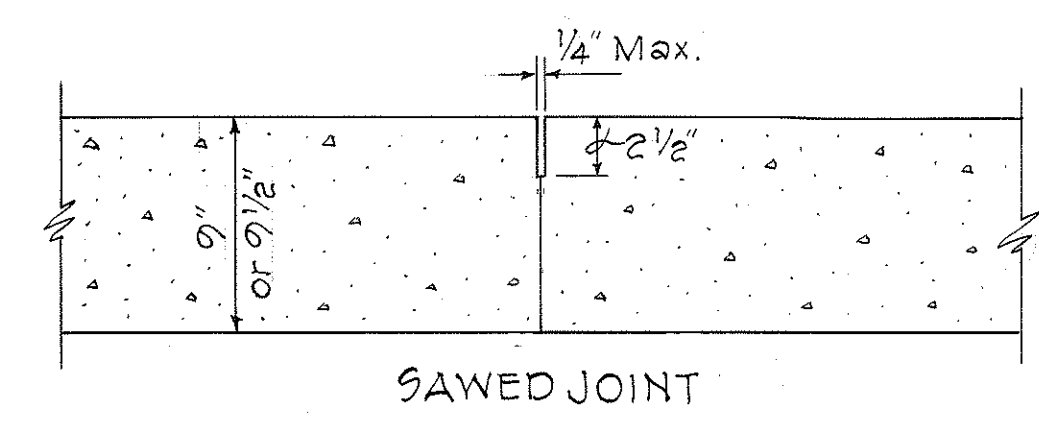
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(74)10	1969	4	20

DRAINAGE NOTES

- All 24" ϕ Pipe shown on this sheet shall be 24" C.G.M.P., 10 ga., 24" R.C.C.P. Class III, or 24" Asbestos Cement Culvert Pipe, Class III, at the Contractor's option.
- Ends of Culvert Pipes shall be plugged with wooden bulkheads which shall be sufficiently tight to prevent dirt or vermin from entering the pipes. The cost of plugging shall be incidental to the pipe.
- 24" ϕ Pipe at Sta. 62+40± shall be located in the field to clear edge of Concrete Viaduct Apron 1'-0" horizontally.

RAMP "C" CURVE DATA

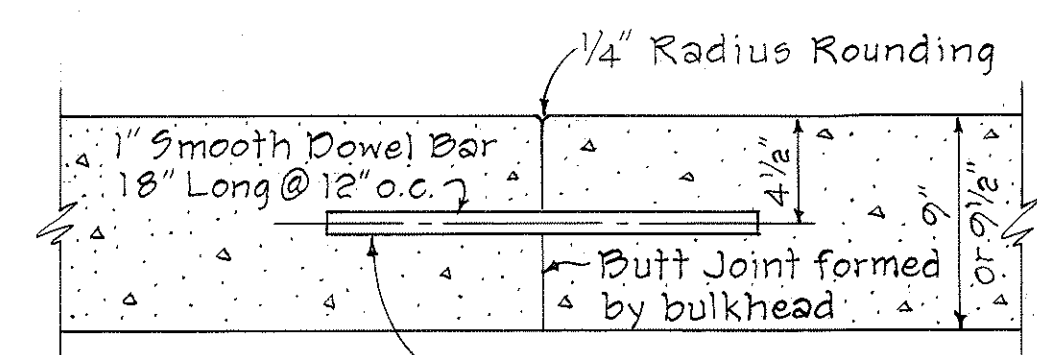
$\Delta = 43^{\circ}00'$
 $A_2 = 21^{\circ}30'$
 $R = 700.00$
 $T = 275.74$
 $C = 513.10$
 $L_c = 525.34$



SAWED JOINT

TRANSVERSE WEAKENED PLANE (CONTRACTION) JOINT

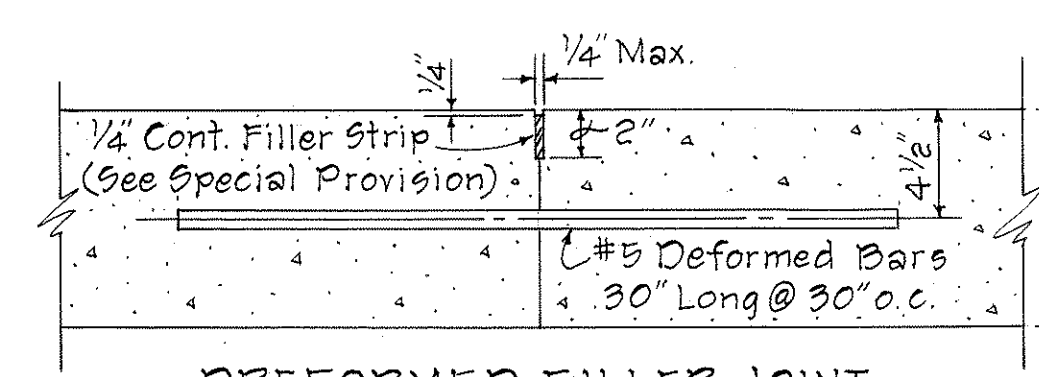
Scale: 1 1/2" = 1'-0"



TRANSVERSE CONSTRUCTION (CONTACT) JOINT

Scale: 1 1/2" = 1'-0"

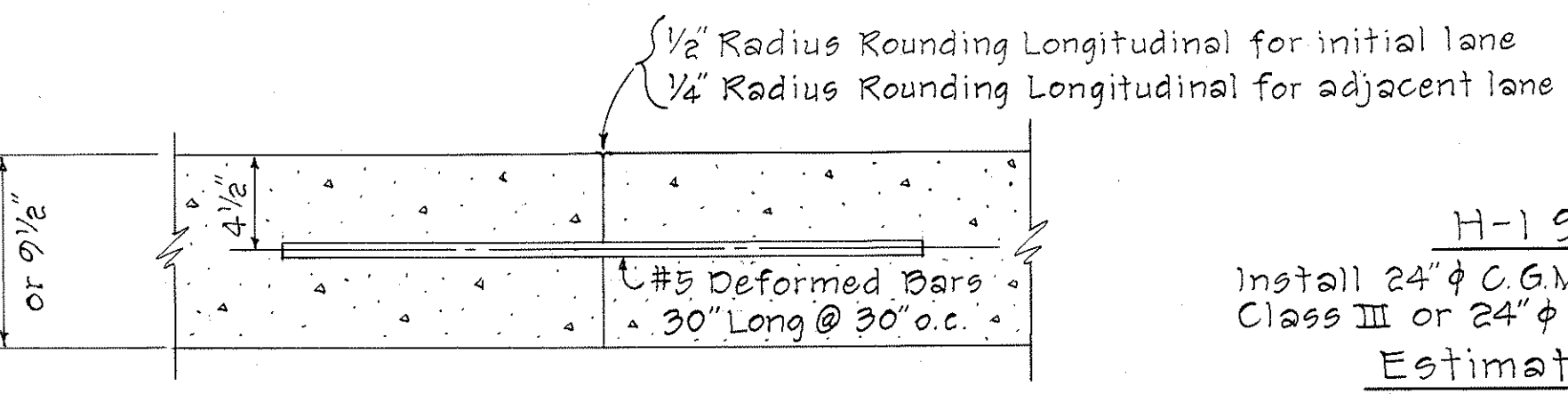
Dowels shall be positioned in place parallel to the pavement surface prior to pouring and the ends of the dowels shall not deviate more than 0.02' from the parallel.



PREFORMED FILLER JOINT

LONGITUDINAL WEAKENED PLANE (CONTRACTION) JOINT

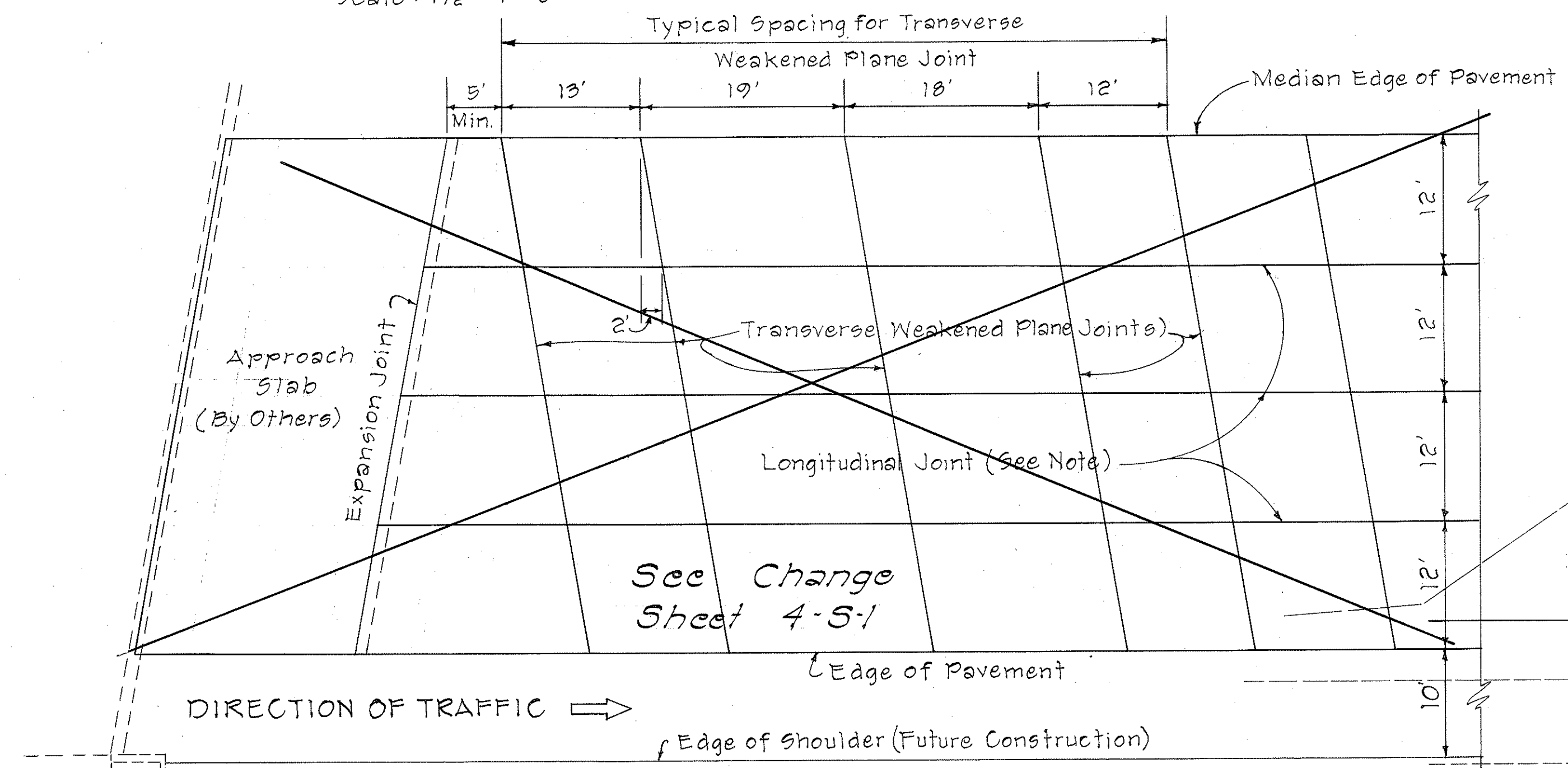
Scale: 1 1/2" = 1'-0"



LONGITUDINAL CONSTRUCTION (CONTACT) JOINT

Scale: 1 1/2" = 1'-0"

H-1 Sta. 63+05±
 Install 24" ϕ C.G.M.P., 10 Ga. or 24" ϕ R.C.C.P. Class III or 24" ϕ A.C.C.P., Class III
 Estimated Quantities
 Struc. Exc. = 134 c.y.
 24" Pipe = 218 l.f.

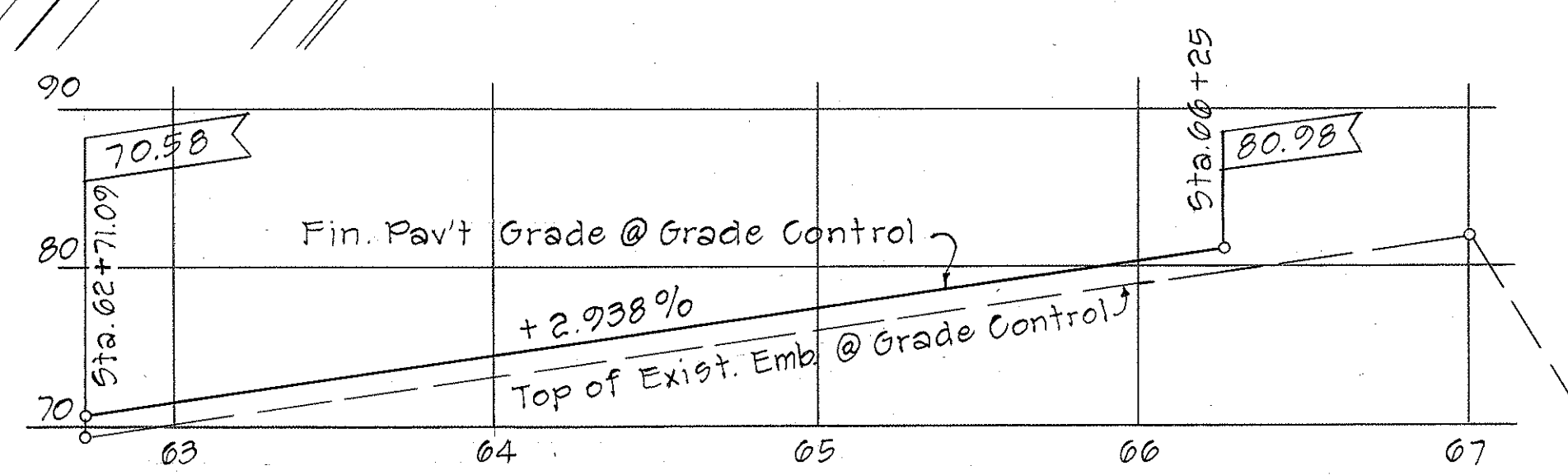
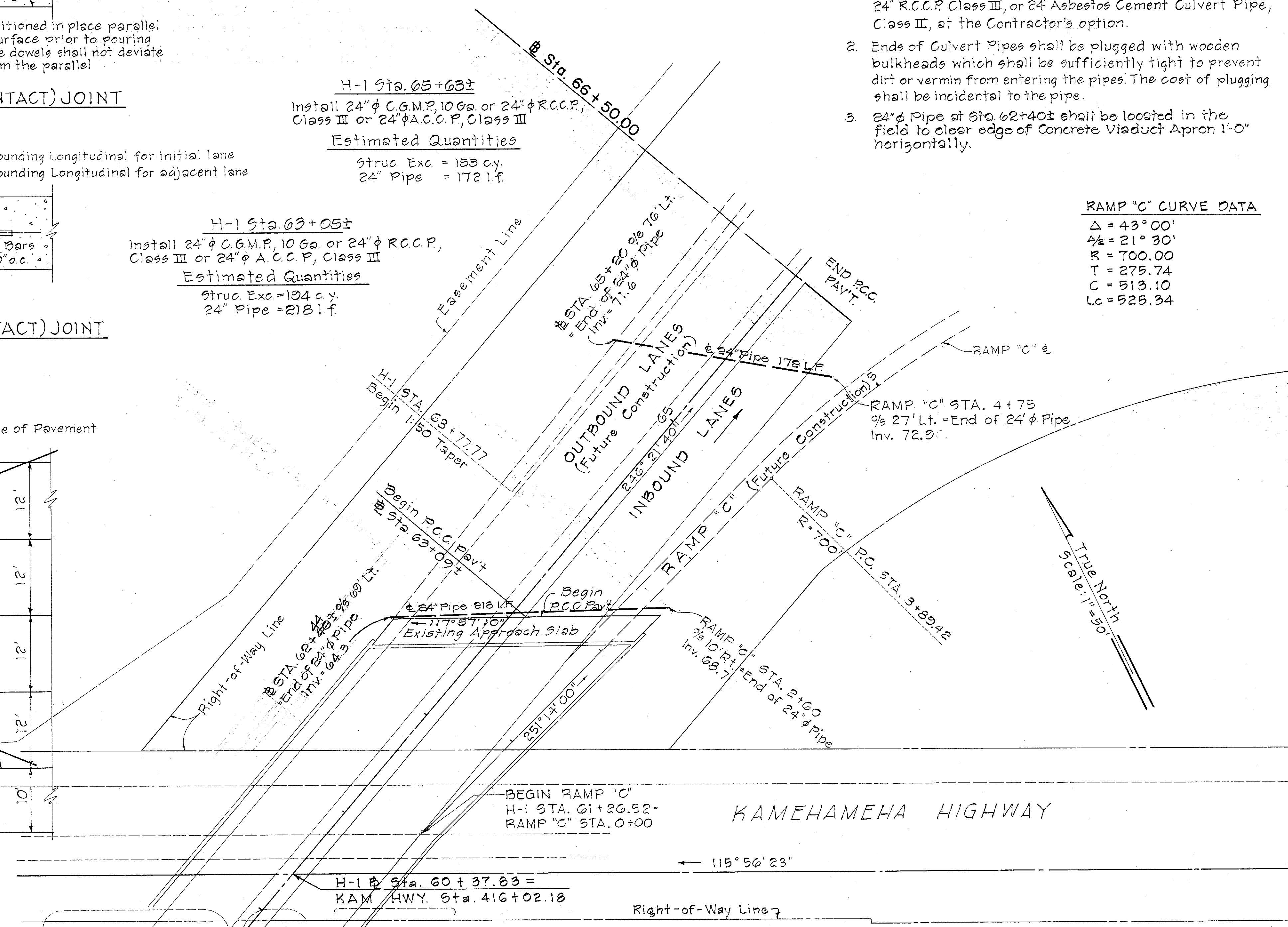


TYPICAL JOINT LOCATION AND LAYOUT PLAN

Scale: 1" = 10'

GENERAL NOTES - P.C.C. JOINTS

- The longitudinal weakened plane joint detail shall be applicable at the intermediate traffic lane edge when 2 or more lanes are paved in one continuous pour. The straight tie bars shall be placed to the depth shown on the detail. All other longitudinal joints shall be constructed in accordance with the contact joint detail shown on this plan.
- Transverse weakened plane joints shall be sawed diagonally as shown, unless otherwise directed by the Engineer. Transverse weakened plane joints shall be skewed counterclockwise with an offset of 2' for every 12' of lane width from the perpendicular to the baseline.
- Transverse weakened plane joints shall be spaced at successive intervals of 13', 19', 18' and 12' in the direction of traffic. Repeat for the remaining joints.
- Transverse contact joints shall be located at a minimum distance of 5' from the nearest planned transverse weakened plane joint.
- All deformed bars and dowels shall be considered incidental to the P.C.C. Pavement and no additional payment will be made.



PROFILE - H-1 (10' RIGHT OF ϕ)

SCALES: HORIZ. 1" = 50'
 VERT. 1" = 10'

NOTE: This Sheet Supercedes Sheet No. 4, dated April 1969.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

INTERSTATE ROUTE H-1
 PROJ. NO. I-HI-1(74)10

Scale: As Noted May 1969
 SHEET No. 1 OF 1 SHEETS

ADD. 41

